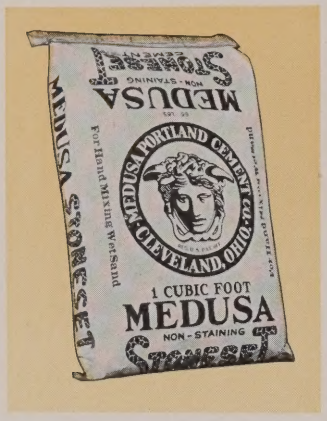
MEDUSA STONESET CEMENT

A NON-STAINING WATERPROOFED MORTAR CEMENT

WHY YOU SHOULD USE STONESET NON-STAINING WATERPROOFED MORTAR



Medusa high quality, non-staining, water-proofed StoneseT Cement is a white mortar cement for use wherever a non-staining waterproofed mortar is desired. Originally intended for use with stone, now it is also widely used for face brick work when a white or tinted mortar is required. For the better grades of brick and for higher priced homes, specify StoneseT for a continued beautiful appearance.

WHAT IT IS—Medusa StoneseT is manufactured of the same raw materials used to make Medusa Non-Staining Waterproofed White Portland Cement. The proper amount of Medusa Waterproofing has been mechanically ground in during the process of manufacture.

Addition and alteration to Bankers Trust Co. Bldg., New York City. Architects, Shreve, Lamb and Harmon, New York City. Contractors, Thompson Starrett Co., Inc., N. Y. C.

These materials are free from the elements that cause staining and the impurities that give ordinary mortars the gray color. Where natural building stone (such as limestone or marble) is used, insist on this white, non-staining, waterproofed mortar for setting, pargeting (back plastering), and pointing. StoneseT prolongs the original beauty of the structure.

NON-STAINING—Medusa StoneseT Cement is non-staining—it contains none of the soluble alkalies which produce ugly, disfiguring stains on stone surfaces. By using StoneseT Cement, you eliminate the primary source of such stains. StoneseT is the mortar cement which is white, non-staining and waterproofed—qualities that every architect desires in a mortar.

Southwick Memorial, Burlington, Vt. Architects, McKim, Meade & White, New York City. General contractor, Edmund J. Rappoli, Cambridge, Mass. StoneseT used for face brick and marble trim.

STONESET HAS THESE ADVANTAGES

MINIMUM SHRINKAGE—StoneseT mortar cement has the least volume change of any white mortar cement. The elimination of shrinkage plus waterproofed mortar makes a watertight wall and is also the most important factor in the stability of masonry walls. If a mortar shrinks away from one side of a brick or stone, there can be no bond regardless of the strength of the mortar.

WATERPROOFED— Besides being free of alkalies, StoneseT is waterproofed, hence water carried alkalies cannot travel to the outer surface from the back-up wall. In addition to its value in preventing stain from backup, the waterproofed quality of StoneseT has other advantages. It prevents disintegration due to freezing, because water is not absorbed into the mortar. Walls laid with StoneseT quickly regain their original, uniform, light color after a rain because only surface moisture must evaporate from the mortar joint.

NO EFFLORESCENCE—Efflorescence on a wall is a deposit of soluble salts left on the surface by evaporation of water that has been previously absorbed. StoneseT mortar does not produce efflorescence because it is waterproofed and hence does not absorb water.

The American Medical Building, Chicago, Ill. Architects, Holabird and Root. General Contractor, The Schless Construction Co., Inc. Stonesetting Contractor, Monroe Bros.

United States Post Office Building, Pawtucket, Rhode Island. Architect, supervising architect, U. S. Treasury Department, James A. Wetmore. Contractor, Edward S. Moore & Son, Kokomo, Indiana. Medusa StoneseT used on face brick and limestone.

READY TO USE— StoneseT Cement is delivered, ready for mixing with sand on the job. It is not necessary to soak the mix, or wait for slaking—just mix and use. Since there is no delay between mixing and using, it is not necessary to prepare large batches of mortar. Small batches mixed as needed, prevent waste of materials and labor.

NO ADMIXTURES—When using Medusa StoneseT Cement, no admixtures are necessary to secure waterproofness or plasticity. Sand is the only material that must be added—in the ratio of one part StoneseT to three parts of sand. This is assurance of definite, uniform quality because danger of errors from admixtures on the job is eliminated. StoneseT is waterproofed, hence no waterproofing need be added on the job—but the architect knows that sufficient waterproofing is contained in the mortar. The addition of lime is unnecessary because StoneseT contains the plasticizer needed for proper workability.

UNIFORM COLOR OF MORTAR JOINTS—Since only StoneseT Cement and sand are needed to make the mortar, a uniform color in mortar joints is obtained throughout the building. Many buildings are disfigured by variation in color of joints caused by job mixes of cement and lime.

ECONOMICAL— The low cost of non-staining StoneseT permits its use throughout the wall, eliminating the need of two mortars on the job.

WHERE TO USE

MEDUSA STONESET CEMENT

Medusa StoneseT Cement should be used in mortar for setting or laying stone or face brick where economy dictates a material of lower cost but excellent qualities. StoneseT is also widely used as a mortar for setting cast stone. It is used in the proportions of 1:3 StoneseT and sand. Use StoneseT for its white appearance with light colored stones, for a white mortar, and for a mortar that is to be tinted a light shade.

Because of its low cost, StoneseT is also used for the backup masonry with the economies and convenience resulting from using one mortar throughout the job.

SPECIFICATIONS FOR MIXING

Medusa StoneseT Cement is to be mixed in the proportion of one part of Medusa StoneseT Cement to three parts of sand, by volume. The sand should be well graded, clean and free from organic matter. To facilitate hand mixing, the sand should be dampened before Medusa StoneseT Cement is added.

NOTE—8 sacks of StoneseT in a 1:3 StoneseT and sand mix makes approximately 1 cubic yard of mortar.

PACKAGES—Medusa StoneseT Cement is packed in multi-wall paper bags, each bag containing one cubic foot of mortar cement, four bags to the barrel.

City National Bank Building, Lansing, Michigan. Architects, Lee & Kenneth Black. Contractors, Reniger Construction Co. Medusa StoneseT Cement used for mortar in setting, pargeting and pointing of cut stone exterior and for backup wall, also for mortar in brick curtain wall.

MEDUSA STONESET CEMENT—the waterproofed masonry cement was used in the mortar of this building. Note the clean joints.

EFFLORESCENCE—in this church an unwaterproofed mortar was used. Note the joint efflorescence.

STONESET FOR SETTING GLASS BLOCK

Modern architecture is using glass block extensively as a construction material. Its obvious advantages are beauty and the admission of more light.

After extensive experiments with various types of masonry mortar, manufacturers of glass block or glass brick have found that Medusa StoneseT makes and ideal mortar for laying glass units.

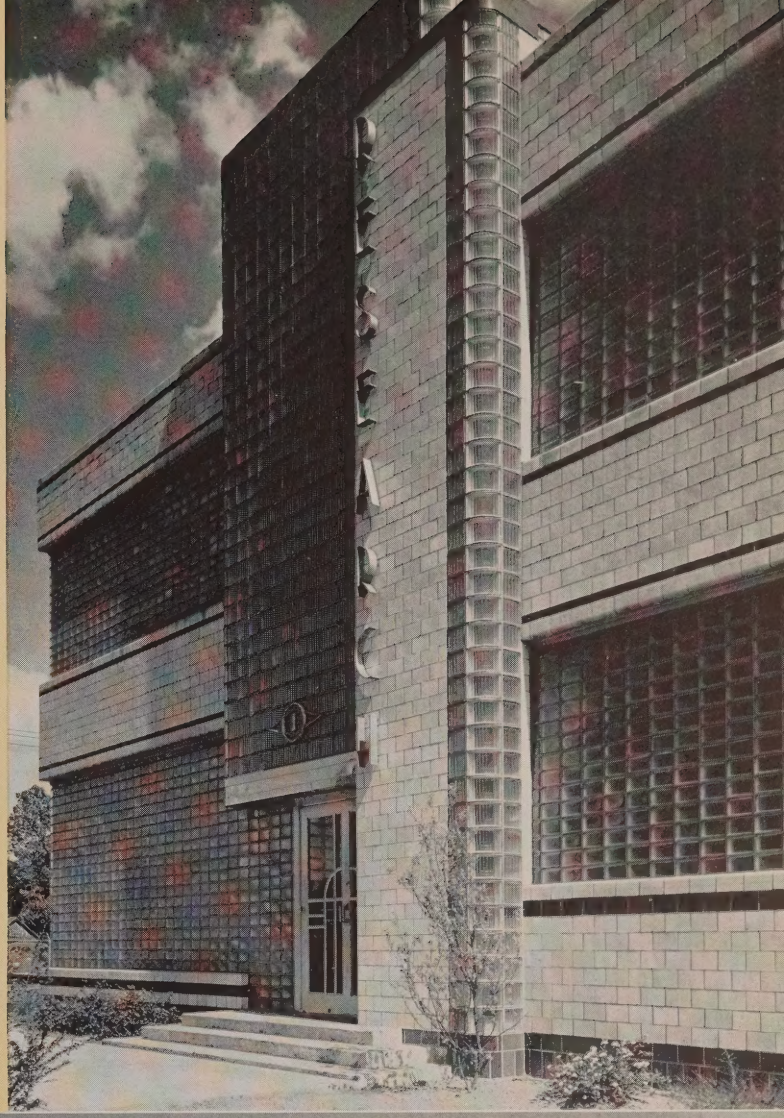
Care must be taken in laying glass blocks since it is impossible to back plaster, hence joints must be weather tight.

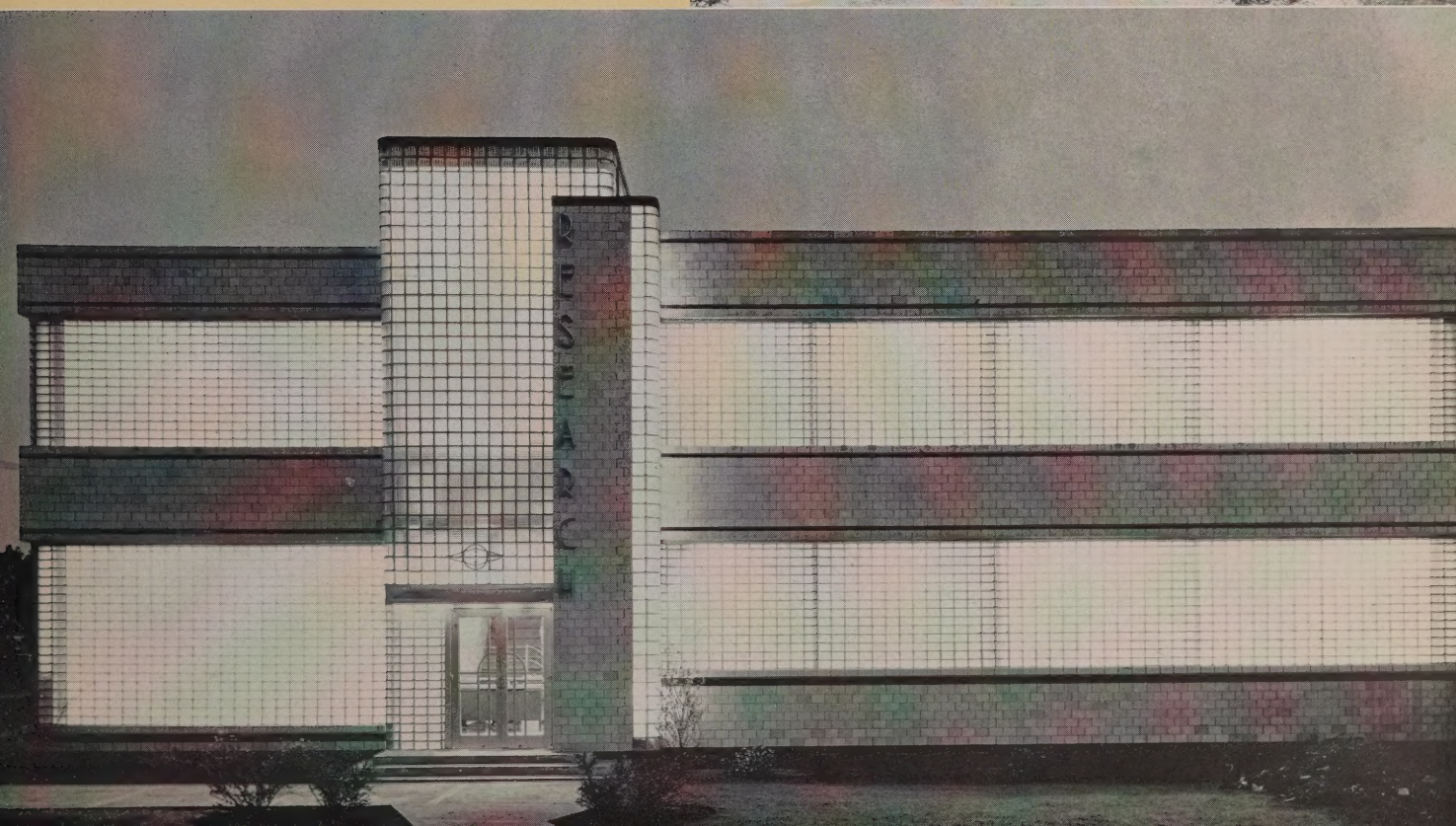
StoneseT, being a waterproofed mortar cement, does an excellent job in keeping out all moisture. It is particularly advantageous because it has extremely low shrinkage, hence shrinkage cracks do not develop between the mortar and glass blocks. A StoneseT mix of 1:3 has less than one half the shrinkage of ordinary cement of a 1:1:6 mix of cement, lime and sand.

CONTRACTORS FIND

MEDUSA STONESET CEMENT

MOST EFFICIENT IN GLASS BLOCK CONSTRUCTION SUCH AS THAT SHOWN ON THESE TWO PAGES





Pierre du Pont High School Building, Wilmington, Del. Architect, E. Wm. Martin, Wilmington. General Contractors, Karns-Smith Co., Trenton, N. J. Medusa StoneseT used for mortar in stone and brick.

Section of wall of above high school building.

A PARTIAL LIST OF USERS

Name of Building	*Location*	*Architect*	*Contractor*
Bankers Trust Building	New York City	Shreve, Lamb & Harmon New York City	Thompson Starrett Co., Inc., New York City
Graduate School of Theology, Oberlin College	Oberlin, Ohio	Cass Gilbert New York City	Crowell & Little Cleveland, Ohio
State Library Bldg.	Indianapolis, Ind.	Vonnegut, Bohn & Mueller Indianapolis, Ind.	Jungclaus, Wm. P. Co. Indianapolis, Ind.
Mrs. E. Marshall Field Estate	Old Westbury, L. I. N. Y.	David Adler Chicago, Ill.	Johnston Livingston New York City
Pierre S. Dupont Senior High School	Wilmington, Del.	E. William Martin Wilmington, Del.	Karns-Smith Co. Trenton, N. J.
O. W. Holmes School	Detroit, Mich.	Malcomson, Higginbotham & Trout Detroit, Mich.	T. J. Keim Co. Detroit, Mich.
Terrace & Garage	Washington, D. C.	David Lynn, Architect of the Capitol	H. R. Blagg Co.
Prudential Apartment Buildings	Newark, N. J.	Edmund C. Stout Newark, N. J.	Walter Kidde Co. New York City
Falk School	Pittsburgh, Penna.	Janssen & Cocken Pittsburgh, Penna.	Stone & Webster Eng. Co. Pittsburgh, Penna.
Paramount Publix Theatre	Charlottesville, Va.	C. W. & Geo. L. Rapp New York City	J. D. Phipps Roanoke, Va.
Agricultural Economics Bldg., Cornell Univ.	Ithaca, New York	Wm. E. Haugaard, State Archt, Albany, N. Y.	Wark Company Philadelphia, Penna.
City National Bank Bldg.	Lansing, Mich.	Lee & Kenneth Black Lansing, Mich.	Reniger Constr. Co. Lansing, Mich.
City Hospital	Cleveland, Ohio	H. Kregelius, City Archt. Cleveland, Ohio	Fred Sehr
Post Office	Trenton, N. J.	U. S. Supt. Architect Washington, D. C.	National Erection Corp. Philadelphia, Penna.
Common Brick House, A Century of Progress Fair	Chicago, Ill.	Hugo Fillipi, Engr. Chicago, Ill.	Reinforced Brick Mason Co., Chicago, Ill.
Owens-Illinois Glass House, A Century of Progress Fair	Chicago, Ill.	Eloy Ruis	Fostie Eng. & Const. Co. Indianapolis, Ind.
P. D. Armour Residence	Lake Forest, Ill.	H. T. Lindeberg New York City	Dahl-Stedman Co. Chicago, Ill.
The George Eastman Research Laboratories; The Massachusetts Institute of Technology	Cambridge, Mass.	Coolidge & Carlson Boston, Mass.	Scully Company Boston, Mass.
Paul Jr. High School	Washington, D. C.	A. L. Harris, Munic. Archt. Washington, D. C.	Goode Constr. Co. Charlotte, N. C.
Woodlawn Exchange—Southwestern Bell Telephone Co.	San Antonio, Tex.	I. R. Timlin, Southwestern Bell Tel. Co., St. Louis, Mo.	Cotter Bros. San Antonio, Tex.
Grassland Hospital Addition	East View, N. Y.	Walker & Gillette New York City	Louis Keil, Inc. Ossining, N. Y.
So. Boston High School Addition	So Boston, Mass.	McLoughlin & Burr Boston, Mass.	Rugo Const. Co. Boston, Mass.
Federal Office Bldg. & Post Office	New York City	U. S. Government	James Stewart & Co. New York City Stonesetter-Robert Sherriff, Inc., Long Island City, N. Y.
American Medical Society Building	Chicago, Ill.	Holabird & Root	Schless Constr. Co.
Texas Memorial Museum	Austin, Tex.	John Staub Houston, Tex.	Jas. E. Morgan & Sons El Paso, Tex.

THE TWELVE MEDUSA PRODUCTS

MEDUSA GRAY PORTLAND CEMENT

A standard Gray Portland Cement guaranteed to comply with the specification requirements of the American Society for Testing Materials.

MEDUSA WATERPROOFED GRAY PORTLAND CEMENT

Our standard Gray Portland Cement with the proper amount of Medusa Integral Waterproofing ground in at the mill. It is less expensive than adding waterproofing on the job, and insures proper distribution. It should be used wherever concrete is below grade or exposed to moisture or dampness.

MEDUSA "MEDCO" HIGH EARLY STRENGTH CEMENT

High Early Strength Cement has all the properties of our standard Gray Portland Cement but with this difference—it has the normal 5 to 7 days' strength in 24 hours.

MEDUSA WHITE PORTLAND CEMENT

A standard Portland Cement used wherever Portland Cement is specified and white or colored effects are desired—same strength as Gray Portland Cement—non-staining.

MEDUSA WATERPROOFED WHITE PORTLAND CEMENT

Our standard White Portland Cement with the proper amount of Medusa Integral Waterproofing ground in during process of manufacture. Used for stucco and stone mortar and all work subjected to damp or wet conditions. Non-staining.

MEDUSA STONESET CEMENT

A non-staining waterproofed mortar cement for setting, pargeting, and pointing of cut stone, and for laying up face brick. The cost permits use for mortar in backup wall.

MEDUSA BRIKSET CEMENT

Has a Portland Cement base and is waterproofed. Obtains a high early strength which is very important to the mason contractor. It has a very pleasing color when used natural or with mortar colors. It is a prepared masonry mortar having minimum shrinkage; simply mix with sand and water on the job.

MEDUSA PORTLAND CEMENT PAINT

A decorative and protective coating for all concrete and masonry surfaces. Can be applied on fresh concrete or wet surfaces. Furnished in black, white and seven colors.

MEDUSA FLOOR COATING

A concrete floor covering that needs no undersurfacer. It is moistureproof and highly resistant to abrasive wear. Furnished in black, white and six colors.

MEDUSA-LITE

A flat wall finish for interior use. Comes in white and seven beautiful colors, is durable, quick drying, economical. One coat is usually sufficient.

MEDUSA WATERPROOFING POWDER

A dry powder to be added to Portland Cement. By its use, concrete is waterproofed. It is to be used where Medusa Waterproofed Gray Portland Cement or Medusa Waterproofed White Portland Cement is not available. Powder is shipped in 40 lb. bags.

MEDUSA CONCENTRATED WATERPROOFING PASTE

Similar results are obtained as with the powder. It is added to the concrete mix through the gauging water. Paste is shipped in 8 lb. and 40 lb. containers. Also furnished in 225 lb. and 400 lb. drums.

MEDUSA PORTLAND CEMENT COMPANY

1000 MIDLAND BLDG. **CLEVELAND, OHIO**

Printed in U. S. A.